



Winston H. Hickox
Secretary for
Environmental
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California Regional Water Quality Control Board

Los Angeles Region

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Memorandum

To: David Bacharowski, Arthur Heath, File

From: Peter J. Raftery

Date: February 20, 2003

Re: FEBRUARY 20, 2003, AHMANSON RANCH GROUNDWATER SAMPLING MEETING

On February 20, 2003, at 9:00 AM, representatives of the Regional Board, DTSC, DHS, US EPA, Boeing, and Ahmanson Land Company met (or participated via teleconference) in a discussion intended to reach agreement on the details for the proposed groundwater sampling. A tentative agreement was reached on the details of the sampling plan as follows:

- With the exception of DHS which will analyze samples for radiological constituents only, all samples will be analyzed for 1) major anions and cations, 2) NDMA, 3) VOCs, and 4) perchlorate.
- Sampling will be conducted with the same downhole sampler used in the last sampling of the well.
- Sampling will occur two or three times, each time separated by one week.
- Sampling will be coordinated by Psomas.
- Public participation issues were not fully addressed, although Ahmanson wishes to prevent participation by all parties in lawsuits against them.
- Psomas will provide an outline of the final report format to be used by all parties reporting on samples, in the revised work plan.
- Groundwater samples will not be filtered in the field. Uniform filtering will be preformed at all labs. The method of filtering will be spelled out clearly in the work plan.

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- All laboratories analyzing samples for this project will participate in at least one conference call to discuss the analytical issues associated with elevated TDS, and to establish the standards to be followed by all the labs.
- Purging will not be conducted. It was agreed by US EPA, DTSC, the Regional Board and the other parties that the well would not be purged, for the following reasons:
 - ✓ The purging used when the well was last sampled had the purge inlet at 50 feet below grade, with a flow rate of about 12 gallons per minute, this most likely did not significantly influence flow much below that depth.
 - ✓ The purging conducted when the well was last sampled only minimally exceeded the artesian flow rate of the well and did not significantly alter the condition of the samples collected at 450 and 550 feet below grade.
 - ✓ Selectively purging at 450 and 550 feet below grade would create conditions unlike past sampling events.
 - ✓ With the casing largely decayed in this well it is not possible to readily determine the source of flow to the borehole, making it difficult to select an ideal location for the inlet of a purge device.
 - ✓ There is risk of further well damage by lowering a purging device or other unnecessary equipment into the borehole.
 - ✓ If perchlorate is present it will be detected without well purging.
 - ✓ If perchlorate is detected, sampling and purging methods will be modified, as needed, to further optimize sample collection.
- All containers will be provided by Del Mar Analytical, Ahmanson's lab.
- Samples will be collected at 450 and 550 feet below ground surface.
- For each sample run enough water will be retained to permit reanalyses for perchlorate.
- Health and Safety Plan adequate for work proposed.
- A revised workplan for sampling Ahmanson Well No. 1 will be submitted to the Regional Board with copies sent directly to US EPA, DTSC, DHS, and Boeing. The Regional Board will send a copy to Mr. Mark Hagman of Komex, representing the City of Calabasas. The revised workplan is expected at the Regional Board no later than February 28, 2003.
- The Regional Board will send out notification letters to parties requesting all final comments be provided to the Regional Board by March 10, 2003.

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